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Group Art Unit 2834, 703-872-9306 addressed to:  
Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

*Donald V. Muller*

Date: January 26, 2004

Patent  
36856.639

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Jun TABOTA	Art Unit: 2834
Serial No.: 09/973,600	
Filed: October 9, 2001	Examiner: T. Dougherty
Title: ACCELERATION SENSOR	

INFORMATION DISCLOSURE STATEMENT

U.S. PATENT AND TRADEMARK OFFICE  
2011 South Clark Place  
Customer Window, Mail Stop 313(c)  
Crystal Plaza Two, Lobby, Room 1B03  
Arlington, VA 22202

Dear Sir:

Pursuant to 37 C.F.R. § 1.56, submitted herewith are copies of three (3) references cited in the enclosed search report issued in a corresponding Japanese patent application.

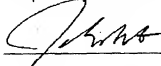
For the Examiner's convenience, we have enclosed a completed Form PTO-1449. The statement is not a representation that all of the information cited is necessarily effective as prior art against the application.

U.S. Serial No. 09/973,600  
January 26, 2004  
Page 2 of 2

I hereby state that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than 3 months prior to the filing of this statement, and that this is the first citation of these prior art references by a foreign patent office in a counterpart foreign patent application. Accordingly, no fee is necessary for the filing of this statement. Should the Commissioner determine otherwise, the Commissioner is authorized to charge Deposit Account No. 50-1353 for any fee shortages, including the petition fee under 37 C.F.R. § 1.17(p).

Applicant(s) respectfully request(s) that the disclosed reference(s) be made of record in the subject application.

Respectfully submitted,



Attorneys for Applicant(s)

Joseph R. Keating  
Registration No. 37,368

Christopher A. Bennett  
Registration No. 46,710

**KEATING & BENNETT LLP**  
10400 Eaton Place, Suite 312  
Fairfax, VA 22030  
(703) 385-5200

Substitute for form 1449/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 1

Complete if Known

Application Number	09/973,600
Filing Date	October 9, 2006
First Named Inventor	Jun TABOTA
Art Unit	2834
Examiner Name	T. Dougherty
Attorney Docket Number	36856.639

## U.S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

[illegible]

Examiner Signature	Date Considered
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\*Examiner: Initial if reference considered, whether of not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Abstract is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14.

File No. 10436 Dispatch No. 452669 Date of Dispatch: January 6, 2004 1/E

## REJECTION ASSESSMENT

Patent Application No.:	Patent Application No. 2000-311510
Draft Date:	December 17, 2003
Patent Office Examiner:	Yuji Fukuda 9109 2S00
Title of the Invention:	Acceleration Sensor
Patent Applicant:	Murata Manufacturing Co., Ltd.
Agent:	Hidetaka Tsutsui

The present application should be rejected for the reason(s) described in the Notification of Reasons for Rejection dated June 13, 2003.

Furthermore, the contents of the Opinion Brief and Procedural Amendment were examined, but no grounds sufficient to overturn the reasons for rejection were found.

## Remarks:

The use of an elastic adhesive to absorb a surface acoustic wave in cases where a surface acoustic wave is utilized is an extremely common matter, as is also disclosed in the following publications (a) through (c) (in Publication (a), in particular, an elastic adhesive is used for the bonding).

Accordingly, the use of an elastic adhesive to bond the two thin beams (having a surface acoustic wave resonator formed thereon) of the type described in Figure 2 of Cited Reference 1 (Japanese Patent Application Kokai No. H08-166302), which is indicated in the previous reasons for rejection, is no more than a design matter that could be appropriately devised by a person skilled in the art.

## Note

- (a) Japanese Patent Application Kokai No. H09-181562
- (b) Microfilm of Japanese Utility Model Application No. S60-196416 (Japanese Utility Model Application Kokai No. S62-103321)
- (c) Japanese Patent Application Kokai No. H02-228530

This certifies that the above-described matter is the same as the item recorded in the file.  
Date Certified: December 19, 2003

Takeshi Kurita, Ministry of Economy, Trade and Industry Administrator

整理番号:10436

發送番号:452669 發送日:平成16年 1月 6日

1/E

## 拒絶査定

特許出願の番号	特願2000-311510
起案日	平成15年12月17日
特許庁審査官	福田 裕司 9109 2S00
発明の名称	加速度センサ
特許出願人	株式会社村田製作所
代理人	筒井 秀隆

この出願については、平成15年 6月13日付け拒絶理由通知書に記載した理由によって、拒絶をすべきものである。

なお、意見書及び手続補正書の内容を検討したが、拒絶理由を覆すに足りる根拠が見いだせない。

## 備考

表面弾性波を利用する場合に、弾性接着剤を利用し、弾性波を吸収させることは、下記文献(a)～(c)にも開示のとおり極めて一般的な事項であり(特に文献(a)は、張り合わせに弾性接着剤を使用している)。

よって、先の拒絶理由に示す引用文献1(特開平08-166302号公報)図2に記載されたような表面弾性波共振器が形成された2枚の薄い梁の接合を弾性接着剤により行うことも、当業者が適宜成し得る設計変更に通じない。

## 記

- (a) 特開平09-181562号公報
- (b) 実願昭60-196416号(実開昭62-103321号)のマイクロフィルム
- (c) 特開平02-228530号公報

上記はファイルに記録されている事項と相違ないことを認証する。

認証日 平成15年12月19日 経済産業事務官 栗田 健志